

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/008451

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> G06F3/03

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> G06F3/03, 3/00, H04N7/15Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  

|                           |           |                            |           |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho       | 1922-1996 | Toroku Jitsuyo Shinan Koho | 1994-2004 |
| Kokai Jitsuyo Shinan Koho | 1971-2004 | Jitsuyo Shinan Toroku Koho | 1996-2004 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| X<br>Y    | JP 57-020884 A (Nippon Genshiryoku Jigyo Kabushiki Kaisha),<br>03 February, 1982 (03.02.82),<br>Page 2, upper right column, line 1 to lower<br>right column, line 17; all drawings<br>(Family: none) | 1,13-15<br>2-12       |
| Y         | JP 5-207461 A (Mitsubishi Electric Corp.),<br>13 August, 1993 (13.08.93),<br>Par. Nos. [0001] to [0004], [0007] to [0033];<br>Figs. 1, 4<br>(Family: none)   | 2-12                  |

 Further documents are listed in the continuation of Box C. See patent family annex.

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| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier application or patent but published on or after the international filing date<br>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art<br>"&" document member of the same patent family |
|--|--|

Date of the actual completion of the international search  
19 August, 2004 (19.08.04)Date of mailing of the international search report  
07 September, 2004 (07.09.04)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| Y         | JP 2002-027174 A (Toshio KATO),<br>25 January, 2002 (25.01.02),<br>Par. Nos. [0001] to [0008], [0012] to [0024];<br>all drawings<br>(Family: none) | 8-12                  |